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ARAK PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE HDPE HD5620EA

HD5620EA is a high density polyethylene copolymer grade with a narrow molecular weight distribution, suitable for thin wall injection moulding applications.

Producer	Characteristic Properties	Applications
ARAK	High flow High warpage resistance Suitable for fast cycling applications	House wares – Caps & closures. Thin walled containers – PET bottle bases

Typical Properties

Resin Properties	Unit	Typical	Test Method
MFI@190°C, 2.16 kg	g/10min	20	D1238
Density	g/cm ³	0.956	D1505
Vicat softening point	°C	124	D1525
Tensile Strength @ Yield	Mpa	22	D638
Tensile Modulus	Mpa	900	D638
Elongation @ Break	%	700	D638
Flexural Modulus	Mpa	1000	D790
Hardness Shore D	-	66	D2240
Charpy Impact Resistance	Kj/m ²	4	D256